

Photo key on page 17



THE BLURB

A Publication of

THE PHIL-MONT MOBILE RADIO CLUB, INC.
2113 EDGEHILL DRIVE, FURLONG, PA 18925



FIRST CLASS MAIL

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. **BLURB** subscriptions are available to non-members for \$10.00 addressed to the Treasurer. The club meets at 7:30 PM on the first non-holiday WEDNESDAY of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street, or parking garage.

ALL VISITORS ARE WELCOME!

Amateur Radio License Examinations - the first non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 PM-SHARP!

CLUB INFORMATION

24-Hour Information Number at W3TKQ - **(215) 448-1139**
 Repeater frequencies: 147.03 Hz (Roxboro input requires no PL)
 PL required for off-site receiver (OSR) access:
 Bucks County 131.8 Hz
 Center City 103.5 Hz
 Lansdale 114.8 Hz
 444.80 mHz (186.2 Hz PL)
 Simplex frequency: 147.51 mHz
 Packet BBS frequency at W3TKQ: 144.99 mHz
 Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 mHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB
 W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS
 W3TKQ - The Franklin Institute Science Museum, Philadelphia, PA - Trustee W3PWG
LICENSED AMATEURS ARE ALWAYS WELCOME TO OPERATE W3TKQ.

OFFICERS

PRESIDENT: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095 (215) 572-5238
 VICE PRESIDENT: N3GMH, Paul Policarpo, 2425 S. 21st Street, Philadelphia, PA 19145 (215) 465-2247
 SECRETARY: WU3I, Steve Hoch, 4638 Oakland Street, Philadelphia, PA 19124 (215) 535-8061
 TREASURER: W3IIN, Jinny Haring, 2113 Edgehill Drive, Furlong, PA 18925 (215) 794-7623

DIRECTORS

W3BBB (94); K3FVI (94); AK2I (93); N2RM (93); W3IIM (A); K3KUD (A); W3RM (A)

COMMITTEES

Archives:	W3IIN	Emerg. Coord.:	W3BBB	Repeater:	W3BBB
BLURB:	W3IIM	Membership:	AA3BB	Special Events:	AA3EP
BLURB Folding:	WB3KOJ	Net Control:	KB3IV	VE Program:	ND3Q
Budget / Audit:	K3KUD	Program:	N3GMH	TVI:	W3VVS
Directory:	WB3KOJ	Publicity:	N3IEI	W3TKQ:	W3PWG
Education:	N3FTZ	Refreshments:	N3FVI	Welcome:	N3KGG

Special Liaison to The Franklin Institute Science Museum: AK2I

BLURB STAFF

Editor: W3IIM, Jack Haring, 2113 Edgehill Drive, Furlong, PA 18925 (215) 794-7623

Artist: Sam Kunceovich

Labels: WB3KOJ

Publisher/Typist: W3IIN

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Bored of Directors' Meeting!

NET SCHEDULE

SUNDAY	09:30	147.030	mHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	mHz SSB	"10-ON-10 NET"
	10:20	3.993	mHz SSB	75 METER NET
TUESDAY	20:00	147.030	mHz FM	CW PRACTICE NET (RESUMES IN SEPTEMBER)
LAST WED	20:00	147.030	mHz FM	W3TKQ OPERATORS' NET



APPLE BYTES

Don Gordon, WB3KOJ

AUGUST BIRTHDAYS

- 01 Lee Pamplin - N3EKR
 - 02 Tom Bohlander - WA3KLR
 - 04 Harry Carl - W3KDO
George King - W3PXY
 - 05 Rollie Madara - W3PWG
Kitty Trout - KA3BDU (XYL W3IGW)
 - 07 Mike Errigo - WB3EQW
Kathie Rorick (XYL N3GEN)
 - 08 Joe Johnston - K3VXU
 - 09 Carolyn Popovic - KA3VLT
 - 11 Dot McQueen (XYL W3PCX)
 - 12 Ethel Cox (XYL K3TYB)
Maryann Errigo (XYL WB3EQW)
Joann Hoch - N3FTC
 - 14 Pat Mescanti (XYL WB3CMM)
 - 15 Mark Ackerman - WA3AUN
 - 17 Jake Kovalchek - AK2I
 - 18 Tom McLenahan - N3DBX
Gertrude Richenbach (XYL WE3D*)
 - 19 Paul Iacopucci - N3NNL*
 - 22 Hal Burks - KA3LCW*
John Muroff - W3SAI
 - 25 Frank Whitten - K3TEF
 - 27 Ursula Garvin (XYL W3GRY)
Joanne Shoaf (XYL KA3NKT)
Conway Yee N2JWQ
 - 28 Gordy Lusky - W3APD
Matt Parker - N2MGI*
Joan Peebles - N3HPV (XYL NZ3O*)
 - 30 Paul Bohlander - W3VVS
- *Indicates New Member 92-93

HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership?
Remember: the ARRL is more than just a magazine subscription!
 Help PHIL-MONT by joining or renewing through the club.
 Contact Jinny, W3IIN, for the details.

MEMBERSHIP STATS

At press time P.M.R.C. has:
 162 FULL PAID MEMBERS
 15 FAMILY MEMBERS
 3 HONORARY MEMBERS
 5 PENDING MEMBERS

WANNA QSY?

If you listen to the chatter on the repeaters long enough you will hear someone say, "Hey, let's QSY" and off they go. This is very good practice, and an easy habit to get into.

Everyone has some one or two people that they talk to almost on a daily basis, or even two or three times a day. Make a test run to make sure you can get armchair copy on each other in simplex mode. If you can, then pick out a frequency of your own, and program it into your memories. Once you start you will find that you prefer the simplex mode to the repeater mode. Don't get me wrong, repeaters are wonderful, we could not live without them, but they have a specific purpose.

Sometimes just a little attention to that

antenna will make the difference, or perhaps adding an antenna to that handheld will make the path open right up. Just think, no machine IDs, no more dropping to get another minute, no more time-outs, no one interrupting to use the phonepatch or to call someone else, and usually not too many people listening-in on your QSO. Sounds pretty good doesn't it?

If, of course, you can't make it, then the only recourse is the machine, but if you're really serious, usually a small adjustment somewhere, *sometimes in attitude*, will open up a whole new world. There is such a thing as doing it yourself. What say folks.

Give it a try... QSY!

Fort Myers ARC newsletter *The Modulator*



The PREZ SEZ

Ed Masarsky, KB3IV



Boy is it HOT! Africa Hot! Death Valley Hot!! Hades Hot!!! But Phil-Mont is staying cool this summer. The repeater has not gone on vacation. It seems to be more active than ever with many of our "regular" users and many new members and nonmembers. We also have had an increase in out-of-town visitors stopping by for a chat. Please remember to make them feel welcome.

I want to remind everyone about the 3-second on-delay. Remember, it takes 3 seconds of carrier to bring up the repeater when it has not been in use for the last 60 seconds. Many times all we hear is "...listening." I find a good way to insure that your call is getting on is to key up for 3 seconds, release the PTT and listen for the chime, then key up again to make your call. This is not considered 'kerchunking' since you're making a call and identifying. This way you'll know that the repeater is operating, and that it is hearing you. If you don't hear the chime when you unkey, you may find that your rig is in simplex instead of duplex mode, or in -600, or the repeater is off the air, or a rubber duck doesn't do it or, ...well you fill in the blanks.

Many times during the day your QSO will be broken into with "W3TKQ,

anybody around for a conversation?" This is the second most important reason to stand by right away. The first being emergency traffic. The operator at the station is demonstrating Ham Radio to visitors, and may only have one minute to do so. Visitors move in and out very quickly. Please acknowledge the call when you hear it, and don't ask them to stand by. You can finish your thought or sentence when they clear out which is usually less than one minute. I want to thank all who take the time to talk to our visitors and make them feel welcome.

In the April 1993 *Blurb* we printed a Notice to Amend the Bylaws. This was brought before the general membership at the June General Meeting, and was referred back to committee for some fine tuning. We will vote on the revised version at the September General Meeting.

We have some great programs coming up in the next few months, so please stop down to the nice and cool Choices Forum, and join us for an enjoyable evening.

One final and very pleasant note, congratulations to our terrific VE team headed by Dusty, ND3Q, on the 100th session taking place Thursday, August 5th. Great job. We all appreciate it. ☺

LOOKAHEAD

- Aug 4 **General Meeting Program:**
"Public Service & Special Events"
 by Russ Stafford, AA3CH and
 Charlie Weigand, AA3EP
A 15 minute video will be shown.
- Aug 5 License Examinations at
 The Franklin Institute
- Aug 18 Directors' meeting on
 W3IIM&N's new deck.
- Sep 1 **General Meeting Program:**
"Digital Signal Processing"
 Robert Damrau, WAILOT
- Sep 2 License Examinations at
 The Franklin Institute
- Sep 8 Director's meeting
- Oct 6 **General Meeting**
- Oct 7 License Examinations
- Oct 20 Directors' meeting at
 W3PXY's

HAMFESTS

- Aug 8 WARRINGTON, PA
 Mid-Atlantic ARC
- Aug 15 EASTON, PA
 Delaware-Lehigh ARC
- GEORGETOWN, DE
 Delmarva
- Aug 21-22 VALLEY FORGE, PA
 HamShows
- Aug 29 MULLICA HILL, NJ
 Gloucester County ARC
- Sep 12 GAITHERSBURG, MD
 Foundation for Amateur Radio
- Sep 19 PENNSAUKEN, NJ
 South Jersey Radio Association
- Sep 25-26 YORK, PA
 Multiple Sponsors
- Oct 24 Sellersville, PA
 RF Hill ARC

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring a their original license and one photocopy of it. All applicants, including children, must present positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1993 test fee is \$5.60; there is no charge for a Novice test.

Monthly, 1st Thursday
The FRANKLIN INSTITUTE
 Dusty Rhoads, ND3Q
 (215) 482-0386
 (215) 879-0505

Monthly, 3rd Thursday
BELLMAWR, NJ
 Bill Helmatag
 (609) 546-7710

Irregularly
BRYN MAWR
 Bob Lees
 (215) 265-6032

Monthly, 1st Thursday
LEVITTOWN
 Dave Heller, K3TX
 (215) 946-1040
 (215) 736-3333

Irregularly
LINWOOD, PA
 The 96 Over The Hill Gang
 (215) 497-5795

Monthly, 3rd Wednesday
MORRISVILLE
 Dave Munson, NM3K
 (215) 788-7515

Monthly, 1st Monday
POTTSTOWN
 Warren Erdman K3ZXQ
 (215) 679-5764

Monthly, 3rd Monday
TELFORD
 Warren Erdman K3ZXQ
 (215) 679-5764

Monthly, Last Saturday
UNIVERSITY OF PA
 Garrett Klein, WZ3G
 (215) 898-8538 shack
 (215) 222-8752 home

Odd Months, Last Wednesday
WARMINSTER
 Tom Michaud, WA3TQJ
 (215) 343-3494

THE WHITE HOUSE
 Office of Presidential Correspondence

For Immediate Release

June 1, 1993

LETTER FROM THE PRESIDENT AND VICE PRESIDENT IN ANNOUNCEMENT OF WHITE HOUSE ELECTRONIC MAIL ACCESS

Dear Friends:

Part of our commitment to change is to keep the White House in step with today's changing technology. As we move ahead into the twenty-first century, we must have a government that can show the way and lead by example. Today, we are pleased to announce that for the first time in history, the White House will be connected to you via electronic mail. Electronic mail will bring the Presidency and this Administration closer and make it more accessible to the people.

The White House will be connected to the Internet as well as several on-line commercial vendors, thus making us more accessible and more in touch with people across this country. We will not be alone in this venture. Congress is also getting involved, and an exciting announcement regarding electronic mail is expected to come from the House of Representatives tomorrow.

Various government agencies also will be taking part in the near future. Americans Communicating Electronically is a project developed by several government agencies to coordinate and improve access to the nation's educational and information assets and resources. This will be done through interactive communications such as electronic mail, and brought to people who do not have ready access to a computer.

However, we must be realistic about the limitations and expectations of the White House electronic mail system. This experiment is the first-ever e-mail project done on such a large scale. As we work to reinvent government and streamline our processes, the e-mail project can help to put us on the leading edge of progress.

Initially, your e-mail message will be read and receipt immediately acknowledged. A careful count will be taken on the number received as well as the subject of each message. However, the White House is not yet capable of sending back a tailored response via electronic mail. We are hoping this will happen by the end of the year.

A number of response-based programs which allow technology to help us read your message more effectively, and, eventually respond to you electronically in a timely fashion will be tried out as well. These programs will change periodically as we experiment with the best way to handle electronic mail from the public. Since this has never been tried before, it is important to allow for some flexibility in the system in these first stages. We welcome your suggestions.

This is an historic moment in the White House and we look forward to your participation and enthusiasm for this milestone event. We eagerly anticipate the day when electronic mail from the public is an integral and normal part of the White House communications system.

President Clinton
 PRESIDENT@WHITEHOUSE.GOV

Vice President Gore
 VICE.PRESIDENT@WHITEHOUSE.GOV

Note: From CompuServe, the addresses are:
 >INTERNET:PRESIDENT@WHITEHOUSE.GOV
 >INTERNET:VICE.PRESIDENT@WHITEHOUSE.GOV

On The Road Again...

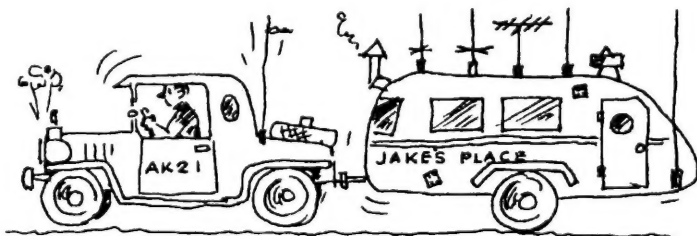
Jake Kovalchek, AK2I

Towns like Newton Falls Ohio, Otis Indiana, Menominee Wisconsin, just whizzed by during the first three days of my trip to Bismarck, North Dakota, and, while it was a fun trip, it was not without its problems. I kept losing the charge in my trailer batteries, and could not determine why, since my previous trip to the southlands and Myrtle Beach was just great.

After the third day, I found that the fused line to my wiring harness back to the trailer batteries had blown so badly that the entire fuse holder melted into one large

the packet station. All of this in one end of a ninety-foot house trailer that we share with the CB group that handles the Wally Byam control station providing communications between the main officers and the rally participants, and all the other early workers that come in as early as may 25th in order to begin the massive preparations for this great event.

Our 'Silver City,' as the local Bismarckians call us, has an average age of 68. Perhaps by the time everyone gets here, and the rally officially starts on June 28, that



lump. It would have to wait for a better time to repair it.

When we came within view of the Badlands of North Dakota on the fifth day, we were riding 50 to 60 miles per hour gusts of wind almost constantly, and yet, with the aerodynamics of airstream we hardly felt it. We also discovered that three days of tail winds will boost your average miles per gallon from 8.0 to 9.0—a great savings when you consider the total miles. (A savings of 24 gallons at \$1.12 average.)

Total distance to Bismarck, ND from Cherry Hill was 1,714 miles.

The radio room at the rally is all set up with HF rig, two 2-meter rigs, and one packet station operating through W0TUP on 145.01, two computers, one operating Lotus 123 for our spreadsheet work in maintaining control of the 64 various caravans coming in across the nation, and the other set up to run


average might very well go to 72 years of age.

Total trailers, as of this writing, is 1,032 and counting. This coming Wednesday we have 27 caravans coming in with 580 trailers, and on Thursday we have another 60 caravans coming in with 520 trailers.

Overall we expect 3,250 trailers in total with about 9,280 people. We even have a 'teen queen' that comes in early to prepare for the big contest.

It's hot at this writing, but the cool winds of the plains will soon bring the daytime temperature down from 92 today to about 55 during the evening hours.

73 gang. I've tried to get someone on Sundays on 75, and again on ten meters, but my calls went unanswered. 'Hope all is well with all of you back home.'

'Will write again on the road to Alaska and the great experience. 

MINUTES

JULY GENERAL MEETING

Steve Hoch, WU3I, Secretary



KB3IV opened the 524th general meeting at 7:47 pm.

W3IIN reported that the treasury was doing well despite expenses being triple income.

W3IIN for **AA3BB** on membership welcomed new members: **KB3AIS**, Jim; **N3NJJ**, Mike; **N3OWM**, Ted; **N3OOL**, Bill; **N3OWJ**, Jeff.

WU3I for the traveling **AK2I** reported that the new computers are installed and working. The 10-160 window has been removed from the roof of the Futures Center. It has been replaced with the 10-80 window on the science building as per TFI. A video input selector has been installed for the left TV to allow it to be used by the VCR and SSTV. The pinning of the Mosley Pro 67 mast through the rotor to be done Friday 7/9. Thanks to **W3BBB** and **W3QZO** for the stainless pins and the threading of said pins.

KB3IV informed all of new policy at **W3TKQ** for visitors to the station. Visitors to call ahead to visit the station, and the operator on duty will call security in the Atrium (numbers in the directory by the phone) and give the names to security who will issue passes upon their arrival.

KE3CZ reported that there was a 44% passing rate at the 99th V.E. session held by Phil-Mont. This was the first test session for the new novice and tech elements (2 and 3A).

AA3EP reported on the need for volunteers for the American Cancer Society Bikeathon, July 18.

N3KGG reported that there were 32 members and 7 guests present.

The guests were: Mario Bonelli, Dottie Maresca-**K3YPH** and Tom Maresca, Paul Mendelson, Jim McCloskey-**N3MPA**, Scott Myers-**N3POK**, Charles Johnson-**WN3PDB**. Welcome to our guests.

KB3IV reported on the need for an additional 2m net control operator, as **N3NRU** is moving to 4-land this month.

N3NRU handled the 50-50. The winning ticket was drawn by Paul Mendelson, son of **N3OWJ**, and the winner was Roberto Ellison, **N3NDX**. Ted then thanked all for the fun and camaraderie since he became a ham. He will be moving to Orlando in late July.

WU3I reported on the news of **PAD-DLERAMA**. Wow just the word gets the juices moving. For the uninitiated, this is a 2-day, 50 mile canoe race for the Boy and Girl Scouts in Bucks County. The Race begins at the Delaware Water Gap and ends in Tinicum Park. Just about the most fun you can have with your clothes on. *[Better wear a bathing suit, just in case!—Ed]*

KB3IV reported on the success of getting an amateur radio listing in the new Philadelphia and Convention Center Guide due out this September. The Franklin Institute has been consulted on the stacking of selected messages *[accessed by menus—Ed]* on the phone system to allow callers to get specific info, or an operator if one is present. We would like input from the members on this topic.

N3GMH introduced the speaker for the evening **WA3NSP**, Bill Mannino an Official Observer.

The meeting ended at 9:40 pm. 

MINUTES

Steve Hoch, WU3I, Secretary

KB3IV opened the meeting at the home of WB3KAC at 8:20 pm. Attending were KB3IV, WU3I, W3IRS, WB3KAC, W3IIM, W3IIN, and N3DHI.

W3IIN reported that the treasury was holding up better than ever, causing the Editor to want to spend more for the *Blurb*. For AA3BB she reported on two new applicants to be voted on at the meeting. They were: Steven Mezey-N3OWS and Ronald Johnson-N3ZO. WU3I made the motion to accept the applicants. W3IIM seconded. There were no dissents. Two more for next month.

WU3I reported on the next session of the V.E. team being the milestone of 100 sessions, the first being April 1, 1985, which I attended as an examinee, and passed my 13 wpm code to upgrade to General.

KB3IV reported on the need for a 2m

JULY DIRECTORS' MEETING

net control to replace N3NRU who's moving to Florida this month. On the W3TKQ front, the new computers are installed, the SSTV is installed on the Ten Tec Omni IV, and the rotor and mast have been pinned. The dedicated rig is again down.

N3DHI reported on the repeater. The noise in Southampton is gone. Thanks to N3DHI and KB3IV [and W3BBB-Ed] for some fine detective work. The repeater is averaging 5.7 hours a day transmit time.

NEW BUSINESS

W3PXY reported on the scouts having 15 canoes for Paddlerama. The Board agreed to move forward for next year.

W3IIM again reminded the Board that 1994 is the 45th anniversary of PMRC. A proper celebration should be planned.

The meeting closed at 9:55 pm.

Thanks to WB3KAC for his hospitality. ♪



TO THE EDITOR:

It is amazing! Ed, KB3IV, in his column (PREZ SEZ) in the July *BLURB*, and Me, W3GXX, in my column (GOOD OPERATING) in the July *MILLIWATT*, wrote the same thing: *Be kind to strangers!*

I am sure that we can all agree that, both in Philadelphia and in Baltimore, we are. Especially on 63/03.

In most places hams are kind to other hams. I can attest to this—I travel very frequently on business, and I follow the old adage: "don't leave home without it"—my ICOM 2AT.

A few days after I wrote the column exhorting readers to be kind to strangers coming to town for our Hamfest, the XYL and I packed lightly for a brief vacation trip to KH6 land; our second trip. She obeyed my usual urging to pack lightly, since we would be visiting two islands, and didn't want to carry too much with us.

But when I packed my trusty old 2AT, she said: "Why?, don't you remember the last time we were there they wouldn't talk to you?" I, the eternal optimist, said: "Last time we were on Oahu and Maui. This time we'll be on the Big Island and on Kauai, maybe it will be different." It wasn't. (The XYL was right again).

Maybe I should buy that condo in Kona and apply for a change of address and a KH6 call. Maybe then they'll talk to me. But maybe I won't. Maybe, just maybe, I wouldn't want to talk to them. But, Jack, you know me... I'll talk to anyone [even Phil-Monters-Ed], and so should all hams!

73, Mayer Zimmerman, W3GXX

Editor's comments: Mayer is the Editor of the BRATS' excellent newsletter The Milliwatt. Perhaps he has hit on a way for us editors to keep our pages full of interesting articles: we'll write each other letters like this. At least we'll know that someone's actually reading our stuff (if only the other editors)!

Below are two clips from his favorite ham magazine, WorldRadio. Mayer, the next time you go, set-up in advance a schedule with these guys. Perhaps that's the only way to break through their 'main-lander' filters!

Hawaii

The EMERGENCY ARC, along with the HONOLULU ARC, MAILE REPEATER CLUB, AND LEEWARD ARC, will sponsor a picnic and swapmeet on 7 August at Richardson Field (Pearl Harbor). Set-up is at 9 a.m. and BBQ activities will start before noon. All are welcome and island visitors are encouraged to come. For further information contact Eric Johnson, AH6MQ, at 808/734-1760.

DX From Kauai

Bed and Breakfast for Hams

Enjoy the beautiful, quiet surroundings...
Explore the island...
Discover Hawaii's best beaches...
We have a great rig for you to enjoy...
For information send \$2 to your host:

Jim Reid, W6KPI

Lawailoa Retreat

3465 Lawailoa Lane • Koloa, Hawaii 96756
or please call (808) 332-7984

MID-ATLANTIC AMATEUR RADIO CLUB

HAMFEST '93

**SUNDAY, AUGUST 8
WARRINGTON, PA**


(Bucks County)

*Bucks County Drive-In Theatre
Route 611 - 5 miles north of PA Turnpike Exit 27,
just south of Street Rd (Rt. 132)*

FURTHER INFORMATION:

Call Rob Vann W13S (215) 384-3163
or write MARC, PO Box 352, Villanova, PA 19085

\$4.00 per Amateur admission - \$3.00 per tailgate space
No advance tickets or reserved spaces

TAILGATE SET-UP: 7 AM
BUYERS ADMITTED: 8 AM

**TALK-IN: 147.06/R and
146.52/S by WB3JOE**

Theatre management does not
permit outside food/beverage
salcs.

LICENSE TESTS, 9 AM

Tests for all license classes will be given at the Days Inn, 245 Easton Rd. (Route 611), just north of PA Turnpike exit 27. Test fee \$5.60 for all classes except Novice, payable to ARRL/VEC. Call Bob Lees W3ZON (215) 265-6032 for details and pre-registration.

☆ **PRE-REGISTRATION STRONGLY** ☆
☆ **SUGGESTED! Walk-ins limited!** ☆



Meets 3rd Thursday of each month, 8 PM, Winsor Room of the Memorial Library of Radnor Twp., Wayne, PA. Guests welcome - handicapped accessible - no smoking in meeting room.

**99TH MONTHLY VE SESSION STATISTICS
JULY**

**13 candidates pass 13 elements
6 new amateurs plus 2 upgrades**

VE team members:

Dusty Rhoads, ND3Q, Chairman

Bob Wilcox, KE3CZ; Lee Pamplin, N3EKR; Steve Hoch, WU3I; Marty Gold, K2ID; Ben Roesman, W3LKI; Al Tribble, W3STW; Joel Kleinguenther, KA3SWU

**AMATEUR LICENSE EXAMS HELD ON THE FIRST
NON-HOLIDAY THURSDAY OF EVERY MONTH**
Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

**THE FRANKLIN INSTITUTE
SCIENCE MUSEUM**

For Information Call ND3Q at

(215) 482-0386 or 879-0505

Accessible by the handicapped.

**1-800-32-NEW-HAM**

TO: The Phil-Mont Mobile Radio Club

FROM: Anthony J. Vece Jr.

RE: Appreciation for the fine work done by Phil-Mont

Greetings! I would like to thank the PMRC and its members for helping me acquire my Technician Class License. By listening to the fun and friendly conversations on the 147.030 machine, I have not only become interested in Amateur Radio, but I have made many new friends.

In particular, Dusty, ND3Q, and his VE Team, were more than helpful. Because I am visually impaired, special needs were addressed in a cordial manner that made the testing extremely comfortable.

From my visit to W3TKQ, where Roland, W3PWG and Joe, K3VXU were the operators, to Steve, WU3I who installed my antenna, I have had nothing but good experiences with your Club.

Special mention also goes to my 'Elmer', Bob, KE3CZ, who I met at the May PMRC General Meeting. Until the June test session, when I passed the exams, he spent three to five hours a night, via the telephone, helping me understand and prepare for the Novice and Tech exams.

It is because of people like yourselves that this forty-one year old kid from South Philly was able to become a Ham!

A Mighty Thank You!

Charlie Weigand, AA3EP



Thank you to the 20 volunteers who participated in the American Cancer Society Bikeathon. They were:

AA3CH-Russ, AA3EP-Charlie, KB2ERL-Bob, K3EUI-Barry, N3FVI-Bill, N3KGG-Dave, N3LJC-Donald, KA3NKT-Jerry, N3NLI-George, N3NLR-Joshua, N3NNL-Paul, N3NNM-John, N3NRU-Ted, WN3PDB-Charlye, K3PHC-Jim, N3POJ-Stephanie, N3POK-Scott, KD4PWG-Aaron, NS3Y-Sal, W3YLT-Bob, and last but not least Rosa, N3NRU's fiancée.

Thanks to all from The American Cancer Society, and your special events coordinator,

VOLUNTEERS NEEDED

We, here I am again! The ACS Bikeathon is just over, and I'm still asking you to volunteer your time.

This time it's for the Multiple Sclerosis Society Bike Tour in September. It's a two-day event, and we'll need many helpers. If you can help in this worthwhile event, please call me.



Phil-Mont's V.E. Honor Roll

The following 46 examiners helped us achieve this milestone!

Al Tribble	W3STW	Jonathan Verlin	KA3VVU
Barb Levine	AA3DV	Ken Smith	NR3F
Ben Roeshman	W3LKI	Larry Clifford	W3UY
Bill Mescanti	WB3CMM	Lee Pamplin	N3EKR
Bob Forrester	NS3Z	Mark Ackerman	WA3AUN
Bob Wilcox	KE3CZ	Mark Wohlschlegel	W3CW
Bob Wyatt	AF3F	Marty Gold	K2ID
Charlie Stouth	W3ZPP	Niel Leone	W3FZR
Chris Brady	N3IEI	Pat Rush	WT3X
Dennis Silage	WB2LGJ	Paul Bohlander	W3VVS
Dick Moll	W3RM	Ramona Dabagian	KM3N
Dusty Rhoads	ND3Q	Coordinator 12/87-1/89	
Coordinator 2/89-present		Ray Chung	KC3NU
Fred Reichert	KA3BET	Ray Gillespie	KB3JW
Frenchie Andrews	W3IRS	Rob Moore	N2RM
George Starks	AA2FU	Russ Stafford	AA3CH
Henry Mapps	K3DXI	Sal Valente	NS3Y
Jack Spratt	N3ALW	Steve Hoch	WU3I
Jake Kovalchek	AK2I	Ted Coats	NZ3Q
Founder and Coordinator		Ted Lada	N3FTZ
4/85-11/87		Thom Burns	N3GXX
Joe Dempsey	WB3JYF	Vince Bonina	NM3W
Joe Johnson	K3VXU	Vince Braxton	K3SNZ
Joel Kleinguenther	KA3SWU	Vince Righter	KE3HR
John Carbonaro	WA3TPH	Virginia Macrie	KA2ZZA

Sama's
OTHER
CORNER

HAVING WITNESSED FIRST HAND... THE PHIL-MONT VE TEAM UNDER DUSTY RHOADS-ND3Q. I HAVE NOTHING BUT PRAISE AND SURPRISE AT THE PROFESSIONALISM AND COURTESY THEY HAVE SHOWN TO ALL IN ATTENDANCE. CONGRATULATIONS TO THEM ALL.. EVEN IF ONE OF THEM IS A CHICAGO CUBS FAN. A VAST & PLEASANT CHANGE FROM THE FCC TEST OF THE PAST

100 Sessions '...and Still Going!'

Steve Hoch, WU3I

On April 1, 1985, a prestigious new program started at Phil-Mont, under the guiding hand of Jake, AK2I. The VE program heralded a new beginning within our organization. The ARRL had not gotten its program up and running yet, so Jake got us started using the W5YI VE program. Jake ran the VE sessions, and coordinated the events with precision clockwork, in having the necessary paperwork ready, the code tapes for examination purposes, and the necessary amount of examiners on hand every month for the exams. In the fall of 1987, Jake got a call from the Polish Godfather [Sears Roebuck, his former employer-Ed] in Chicago, making him an offer he couldn't refuse (Jake was transferred to Chicago for 9 months by Sears; then he was able to retire).

Ramona, KM3N, then took over in December of 1987, and ran the program until February 1989, when, due to her job restric-

tions, she passed the baton to our current VE head, Dusty Rhoads, ND3Q who has been doing a fine job with the help of a number of other examiners.

This article would not be totally complete without an acknowledgment of the person responsible for my wanting to take the 13 wpm code test. In February of 1985, I visited Hal Fox, W3AA, in his home in Madeira Beach, Florida, and was amazed at the contacts he was accomplishing with a 100 watt Icom mobile hf rig and his mobile Hustler antennas clamped to the air conditioning unit on the roof of his condo. After this visit I came home, and after 6 weeks, and the help of a Commodore 64 home computer, I passed the 13 wpm code test. Many thanks to the Phil-Mont VE program!

[Editor's note: The above article is reprinted from the April '90 issue of The Blurb.]



MS 150 BIKE TOUR CITY TO SHORE

SEPTEMBER 18th & 19th

PRINT OR TYPE

NAME _____ CALL _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 PHONE _____ YOUR A.R.C. _____

CIRCLE SHIRT SIZE

SM _____ MED _____ LARGE _____ X LARGE _____ XX LARGE _____ XXX LARGE

WOULD YOU LIKE: AMBULANCE _____ SAC WAGON _____ SHUTTLE BUS _____ REPAIR TRUCK _____
 (MOST HAVE 10 WATT OR (BETTER AND MAG MOUNT FOR THESE VEHICLES)

OR THE SAME CHECK POINT YOU HAD LAST YEAR.

THE NORTH END _____

THE SOUTH END _____

DOES NOT MATTER _____

WHEN YOU CAN HELP OUT, CIRCLE ONE: DAY ONE DAY TWO BOTH DAYS

IF YOU ARE WORKING BOTH DAYS, DO YOU REQUIRE A ROOM IN OCEAN CITY
 YES _____ NO _____

BANDS YOU CAN WORK MOBILE OR BASE	144	220	151
BANDS YOU CAN WORK HT	144	220	151

HOW MANY YEARS YOU HAVE HELPED OUT ON THE BIKE TOUR _____

PLEASE FILL OUT A.S.A.P. SO WE CAN MAIL YOU T SHIRTS AND INFORMATION BACK TO YOU

MAIL TO MS 150 BIKE TOUR
 P.O. BOX 426
 NEW CASTLE, DE. 19720

OR FAX 215-497-3987

CLUB INFORMATION

24 Hour Information Number at W3TKQ
 (215) 448-1139



NEW MEMBER APPLICATIONS

CALL: **K3YPH**
 NAME: **Dorothy Scialdone-Maresca**
 HANDLE: **Dottie**
 CLASS: **Technician**
 ADDRESS: **824 Regina Street
 Philadelphia, PA
 19116**
 HOME PHONE: **(215) 677-3761**
 BUSINESS PHONE: **(215) 938-8038**
 OCCUPATION: **Secretary**
 INTERESTS:

CALL: **N3PMA**
 NAME: **James McCloskey**
 HANDLE: **Jim**
 CLASS: **Technician**
 ADDRESS: **10804 Perrin Road
 Philadelphia, PA
 19154-3924**
 HOME PHONE: **(215) 632-4212**
 BUSINESS PHONE: **(215) 281-1351**
 OCCUPATION: **Accountant**
 INTERESTS:

New NARFE Net

The National Association of Retired Federal Employees has started an Eastern SSB Net on 7.244mHz at 1700Z (1300EDT) on Wednesdays. The net control will be K3EC. Or try the National Net on 14.240, Wednesdays at 0100Z.

More info: QSL to NARFE, attention N3IEY. Information provided by Lou Rulli, WB3WOM and Bob Schmilewske, K3KUD

Forever For Sale

Last Call!

Drake Twins
 R4B SSB receiver
 T4XB SSB transmitter
 w/speaker and power supply \$290
 Heathkit HW101, SSB transceiver 225

All guaranteed operational
 W3PXY—(215) 968-4483

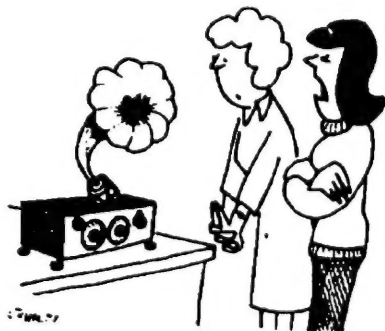
Estate of KA2VTR

Remaining Items

WI-01 Icom IC-2AT, 2 mtr HT \$150
 WI-03 Kenwood TR-7950, 2 mtr base/mobile 300
 WI-04 Kenwood SW-2000 w/SWC-2
 HF/VHF power & VSWR meter 75
 WI-07 Realist PRO-75 channelized
 all-band scanner receiver w/crystals 25
 WI-08 Lafayette 99-28934 HF/VHF
 pwr meter (new) 15

All have been tested, in good operating condition, excellent to good appearance, includes all cables, regular accessories & manuals. Item WI-01 has spare ni-cad pack(s) & extra accessories.

Contact 'Frenchy', W3IRS
 (215) 356-9299 for offers or details.



"It's not really an antique... it's a kit that took Paul 43 years to finish."

Headb997

This month we have a new phenomenon in our midst: a 'commercial' hamfest (as opposed to an 'amateur' hamfest). In these pages we've already read opinions on both sides of the issue. Regardless of your position on the matter, I have little doubt that the commercial 'fest will attract a full house of the curious and serious buyers. Frankly, it's an idea that makes one think "why didn't I think of that!"

For the buyer it's great, just like the computer super-stores—huge inventories which satisfy our buying frenzy on the spot! Take it with you!

Consider though, how many local computer stores have been driven out of business because they couldn't compete with the high volume, low overhead operations that these super-stores represent.

This is really nothing new; the corner hardware store, record store or drug store are similar examples of what's happened to our 'mom-and-pop' neighborhood stores, which have all seen a similar evolution.

In 'hamdom' we've seen a different scenario. The complexity of solid state electronics did away with 'radio row' down on Arch Street, where we could browse and fondle all those war surplus components that you still might see at an occasional local hamfest or at Fertik's. Hams used to be builders. Do you remember

Kass Electronics when our own W3AES (now W3KG) was behind the counter? Or Hamburger's when Howard Buerger was still alive? How many new hams ever built a Heathkit?

'Mail order' too has been a significant contributor to the demise of the local ham store. It's convenient, and it saves on the sales tax.

When you patronize the commercial hamfest this month, consider that:

1. It's probably another nail in the coffin of the local ham store, which is there for us year-round, and is not a 'hit-and-run' operation.

2. There's some fear that the success, and continuation of, our local hamfests will be inversely proportional to the success of these commercial ventures.

Just remember, after you satisfy your curiosity about the commercial 'fest on August 21&22, you should save something for the local 'fests that are still to come. It's basic Economics-101: if our local hamfests can't break even or make a profit, they won't be around very long either.

I wonder how many local clubs decided to jump on the bandwagon to purchase blocks of tickets or tables for this new venture.

If we stop supporting our local clubs' hamfests, they could go the way of Radio Electronics, Mrs. Weil's and Consolidated Radio!

W3IIM

"DON'T TAILGATE... WAIT"—for the courtesy chime!

NOW'S THE TIME TO UPGRADE

Bob Wilcox KE3CZ

If you're sitting there and thinking, "what am I going to do today?", why not go out and get a theory or code preparation study guide, and gear up for a license upgrade? Many people are satisfied with the class of license they have, and that's okay too! But if you're hanging around with nothing better to do, challenge yourself, and get a firm grip on a study guide. You'll learn as you earn your upgrade. And as any ham knows, if you get stuck, just ask for help. The Amateur Community is one where you can always find someone that will be more than willing to lend assistance.

Remember, the Phil-Mont Mobile Radio Club sponsors an ARRL/VEC License Exam Session on the first non-holiday Thursday of each month. These Sessions are held at The Franklin Institute, 20th and the Benjamin Franklin Parkway, in center city Philadelphia. The fee is \$5.60. Bring the original and a photocopy of your license and any CSEs you have, two forms of identification, a pencil and pen, and you're set to go. The only other thing you'll need is some time to study prior to the exam date, and a little confidence. 'Hope to see you there!

For further information call Dusty Rhoads, ND3Q, at: (215) 482-0386 or (215) 879-0505.



W3SGR

610 Change

The FCC has dropped the station location from amateur licenses, effective with new license Form 660, introduced in February. The mailing address now becomes the only means for the FCC to communicate with amateur licensees. Volunteer Examiner Coordinators are being told to ignore the station location information asked for on current FCC Form 610s (Section I, Line 8).

"We expect this will improve the processing time at FCC for applications," ARRL VEC Manager Bart Jahnke, KB9NM said. Jahnke also said he expects that FCC will drop the station location box from future printings of the Form 610.

The ARRL Letter

CODE PRACTICE

Tuesdays at 8 pm-Phil-Mont (not summer months)

147.030; all speeds, telephone requests welcomed from scanner users.

Wednesdays at 7:30 pm-Holmesburg

146.685; 5,10 and 15 wpm.

Thursdays at 8:30 pm-Warminster (not meeting nights)

147.09.

Nightly, 7 days a week-(time unknown)-WB3BDC/R

224.4 & 444.9; simulcast 5-25 wpm, computer generated.

PHASE 3D

...Taking Amateur Radio Into the 21st Century!

Shown here is AMSAT's Phase 3D satellite as it will appear after being lofted into space by the European Space Agency's Ariane 5 launcher. In the middle of the "top" of the satellite—the side that will always be pointing toward Earth once the satellite is in orbit—is the nozzle of the motor that will provide the boost into final orbit. Surrounding the nozzle are the antennas for the various bands of operation. For comparison, above the Phase 3D satellite to the left is a scale drawing of AMSAT's successful OSCAR 13 satellite; in the center is a human outline, also drawn to scale; and to the right is one of the several Microsats now in orbit.

AMSAT's Phase 3D satellite will utilize amateur bands from 29 MHz (10 meters) to 10.5

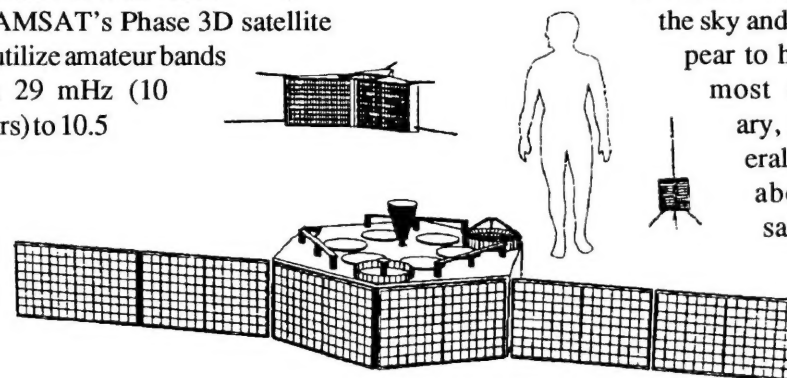
this giant "repeater in the sky."

Phase 3D is no lightweight. At launch, the satellite will weigh nearly 900 pounds! The package is a hexagonal design, 44 inches on a side and 26½ inches high. Solar panels will cover two of the flat side surfaces and two more panels will unfold after launch, using a double hinge mechanism, to bring the total span to 21 feet.

EASY TO USE

Once in orbit, Phase 3D will not require sophisticated tracking. For users in the northern hemisphere, the satellite's highly elliptical orbit means that

it will rise rapidly in the sky and will appear to hang, almost stationary, for several hours at about the same time



GHz (3 centimeters). Phase 3D's high-gain antennas, powerful transmitters and sensitive receivers will bring satellite communications within the reach of virtually every radio amateur! Camera and bulletin experiments will add spice to

every other day—perfect for making schedules with simple equipment, even while mobile! For operators seeking the best DX, there will be low-elevation passes available at other times.

ARRL

1993

AUGUST

1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 2M NCS N3KGG 10M NCS W3HFX 75M NCS W3PWG	2	3	4 GENERAL MEETING at The Franklin Institute Refreshments at 7:00 PM Meeting starts after 7:30	5 LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 PM <i>sharp!</i>	6	7
8 2M NCS KB2ERL 10M NCS W3HFX 75M NCS AA3CH <i>MARC Hamfest</i>	9	10	11	12	13	14
			Perseid Meteor Shower		Goshenhoppen Fair	
						VJ Day 1945
15 2M NCS KB3IV 10M NCS W3HFX 75M NCS AA2FU <i>DLARC & Delmarva Hamfests</i>	16	17	18 DIRECTORS' MEETING on W3IIM & N's new 'deck by Spencer-and-Son!'	19	20	21 <i>'HamShows' day 1</i>
22 2M NCS N3FTY 10M NCS W3HFX 75M NCS NEEDED <i>'HamShows' day 2</i>	23	24	25  OPERATORS' NET at 8 PM	26 <i>Women's Equality Day</i>	27	28
29 2M NCS W3BBB 10M NCS W3HFX 75M NCS NEEDED <i>GCARC Hamfest</i>	30	31		<i>Real friends don't ask you for money unless you owe it to them.</i>		